

NAVAL AIR WARFARE CENTER, TRENTON NJ

Ground Water Treatment Facility Operations and Maintenance

MONTHLY REPORT

JUNE, 1999

Total volume of ground water pumped for the month (gal): 0

Average Flow Rate (gpm) 0

Average Flow From Well		West Ditch Well	
15BR	0	36BR	0
20BR	0	Other	N/A
41BR	0		
45BR	0		
48BR	0		

Time Operational (hours) 0

Time Operational (percent) 0%

Days in month 0

Shut Downs

Date/time started	Total Hours	Cause
5/30/99 7:00	720.0	High inlet tepmperature to cat-ox

Sample Dates for lab analyses (results att) 29-Jun-99

Figure/Table of Field GC data: No on-site GC analysis conducted this month.

Estimated pounds of contaminants treated

	For month:	Total (lb.):
Vinyl Chloride	0	798.75
Dichloroethene	0	4823.149
Trichloroethene	0	1645.12
Total VOCs removed	0	7267

Maintenance Notes (such as carbon change outs, etc.): The system did not re-start on 5/30/99 due to a failure in the operator workstation, Greyline 2000, and remained shutdown for the rest of the month. A new workstation was ordered and installed 7/13/99.

21,800 gallons of water from on-site decant boxes was pumped through the carbon this month.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

10JUN299901

Lab Name: CHEMTECH

Contract: FOSTER WHEELER ENVIRONMENTAL

Project No.: 12355NJ

Site: \_\_\_\_\_

Location: NAWC TRENTON

Group: 10JUN299

Matrix: (soil/water) WATER

Lab Sample ID: O76465

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: V7146.D

Level: (low/med) \_\_\_\_\_

Date Received: 6/29/99

% Moisture: not dec. 100

Date Analyzed: 7/2/99

GC Column: RTX624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/L	Q
75-71-8	Dichlorodifluoromethane	1.8		U
75-01-4	Vinyl Chloride	1.3		U
74-83-9	Bromomethane	1.7		U
74-87-3	Chloromethane	1.8		U
75-00-3	Chloroethane	2		U
107-02-8	Acrolein	5		U
75-69-4	Trichlorofluoromethane	1.3		U
75-35-4	1,1-Dichloroethene	0.6		U
75-09-2	Methylene Chloride	0.7		U
156-60-5	trans-1,2-Dichloroethene	0.7		U
107-13-1	Acrylonitrile	5		U
75-34-4	1,1-Dichloroethane	0.4		U
67-66-3	Chloroform	0.8		U
71-55-6	1,1,1-Trichloroethane	0.9		U
56-23-5	Carbon Tetrachloride	1.5		U
71-43-2	Benzene	0.9		U
107-06-2	1,2-Dichloroethane	0.9		U
79-01-6	Trichloroethene	1		U
78-87-5	1,2-Dichloropropane	1		U
75-27-4	Bromodichloromethane	0.6		U
110-07-3	2-Chloroethyl Vinyl Ether	5		U
10061-01-5	cis-1,3-Dichloropropene	0.1		U
108-88-3	Toluene	1		U
10061-02-6	trans-1,3-Dichloropropene	0.2		U
79-00-5	1,1,2-Trichloroethane	0.9		U
127-18-4	Tetrachloroethene	0.9		U
124-48-1	Dibromochloromethane	1		U
108-90-7	Chlorobenzene	0.9		U
100-41-4	Ethylbenzene	0.9		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	1.1		U
	TOTAL TTO =	0		U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

10JUN299901

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENVIRONMENTAL  
 Project No.: 12355NJ Site: \_\_\_\_\_ Location: NAWC TRENTON Group: 10JUN299  
 Matrix: (soil/water) WATER Lab Sample ID: O76465  
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: V7146.D  
 Level: (low/med) \_\_\_\_\_ Date Received: 6/29/99  
 % Moisture: not dec. 100 Date Analyzed: 7/2/99  
 GC Column: RTX624 ID: 0.53 (mm) Dilution Factor: 1.0  
 Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	ug/L
156-60-5	cis-1,2-dichloroethene	2.5	Q

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

10JUN299901

Lab Name: CHEMTECH Contract: FOSTER WHEELER ENVIRONMENTAL  
Project No. 1235 Site: \_\_\_\_\_ Location: NAWC TRENTON Group: 10JUN299  
Matrix: (soil/water) WATER Lab Sample ID: O76465  
Sample wt/vol: 5.0 (g/mL) ML Lab File ID: V7146.D  
Level: (low/med) \_\_\_\_\_ Date Received: 6/29/99  
% Moisture: not dec. 100 Date Analyzed: 7/2/99  
GC Column: RTX624 ID: 0.53 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0 Concentration Units:  
(ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
2.				
3.	-			
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

EPA SAMPLE NO.

## INORGANIC ANALYSIS DATA SHEET

10JUN299901

Lab Name: CHEMTECH CONSULTING GROUP

Contract:

Lab Code: CHEM

Case No.:

SAS No.:

SDG No.: 12355

Matrix (soil/water): WATER

Lab Sample ID: 76465S

Level (low/med): LOW

Date Received: 06/29/99

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.0	U		P
7440-39-3	Barium	179	B		P
7440-41-7	Beryllium	1.1	B		P
7440-43-9	Cadmium	1.0	U		P
7440-47-3	Chromium	1.0	U		P
7440-50-8	Copper	16.1	B		P
7439-89-6	Iron	262			P
7439-92-1	Lead	2.0	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	1.0	U		P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	1.0	U		P
7440-28-0	Thallium	7.0	U		P
7440-66-6	Zinc	38.0			P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

## REPORT OF ANALYSES

FOSTER WHEELER ENVIRONMENTAL  
ONE OXFORD VALLEY  
SUITE 200  
LANGHORNE, PA 19047-  
Attn: MEG WATSON

DATE: 07/08/99

PROJECT # 12355 NJ

SAMPLE NUMBER- 76465  
DATE SAMPLED- 06/29/99  
DATE RECEIVED- 06/29/99  
DELIVERED BY- CHEM

SAMPLE ID- 10JUN299901  
TIME SAMPLED- 0920 SAMPLER- CLIENT  
TIME RECEIVED- 1300  
RECEIVED BY- AD SAMPLE MATRIX- WW

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## ANALYSIS

TOTAL SUSPENDED SOLIDS

METHOD	ANALYSIS		BY	RESULT	UNITS
	DATE	TIME			
EPA 160.2	07/01/99	HSP		12.0	mg/L

LABORATORY DIRECTOR 